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ORD 2000-65

19 October 1965

MEMORANDUM FOR: Executive Officer, DD/S&T

SUBJECT: OrlC Considerations on Space and Facilities

1. In view of the recent discussions on the current and future space requirements of various Offices, it may be well to list for your information some of the items that have been considered by OrlC during its evaluation of future needs. All considerations have included the advantages and disadvantages of several alternatives. Of these alternatives, the following three situations seem worthy of more detailed consideration. They are, in order of priority:

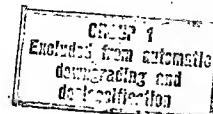
Remain in Headquarters Building.

Move to the Rosslyn, Va., area.

a. First Alternative:

From the standpoint of economy, efficiency, and effectiveness of the OrlC operation, the desirability of remaining in the Headquarters Building cannot be refuted. The dynamics of OrlC and the nearness to the Agency of the majority of its personnel make it very worth while to remain in the building. The increasing scope and importance of the immediate research programs require maximum use of intra-Agency communications and coordination for peak responsiveness. Relocation outside the building will require an eight percent increase in personnel to handle the current workload.

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A move to [redacted] is the lesser of two evils if no alternative to a move outside the building can be found. The [redacted] is an important factor and access roads are fast and direct. Time spent in travel to and from Headquarters would be minimized and adequate parking at [redacted] would aid in raising employee morale. The installations of and the interference with electronic communications facilities would not present a problem. The bulk of administrative support would still be obtainable from the main building without having to establish an additional support branch. Thus, a minimum of additional support personnel would have to be included in the ORD-F.O. Employees could also maintain current car pools because of [redacted] Headquarters. In addition, a faster reaction time will be possible in response to called meetings, thereby saving appreciable time and money for executives and the Government.

c. Third Alternative:

A relocation of QCL to the Rosslyn, Va., area is the most unfavorable solution of the three alternatives. This move would be extremely costly to the Government. This cost would be measured in organizational effectiveness and employee morale, as well as dollars and cents.

QCL is certain to lose personnel, if relocated into the Rosslyn area, because of transportation and parking difficulties, increased subsistence costs, and travel time to and from work. In addition, the effectiveness and responsiveness of QCL to the needs of the intelligence community will be reduced because of the increased time required for, and reduction in frequency of coordination and the longer reaction time to called meetings at Headquarters.

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d. Factors Affecting both Second and Third Alternatives:

The costs of support will be increased because of additional library document and personnel requirements, additional administrative support facilities (graphic arts equipment, reproduction equipment, secretarial supplies, vault storage, special phones, etc.), Headquarters facilities for liaison and support office space, conference room, liaison officer, courier and secretarial personnel (maintained at Headquarters), a staff car assigned to the Office of the Director of R&D, long distance Xerox (or other facsimile) system, Headquarters computer facility tie-in, and operational cable traffic support for [redacted]

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2. These items are by no means all inclusive, but give an indication of the tremendous intermix and interface involved in O&I operations. O&I "customers" are scattered throughout the Agency and present a monumental challenge to service and integrate their pulsebeat of daily activity with O&I combined programs as they stretch across the many disciplines involved in the scientific intelligence community. Headquarters proximity to these "customers" has enabled O&I to meet the needs of the people with whom O&I programs have an application and to provide peripheral assistance for others who could use the capability. This would be more difficult without continued daily, personal contacts.

3. Personnel of O&I are active on many scientific and technical panels which require their presence at meetings in Headquarters at various times during the day. Depending on the location at [redacted] or Rosslyn, productive time which would be lost in transit to and from the buildings would range from 20 to 60 minutes with each round trip. In the case of the D/O&I alone there are a minimum of eleven different types of meetings in which attendance at Headquarters is involved. These range from the 6830 staff meetings each day to TSCC, Career Services Board, and Special Industrial Briefing meetings. Continued attendance at these meetings is vital, but the time remaining for other managerial requirements will be greatly impaired. Such impairment is true of all the scientists involved. In addition, time will be lost in "Stand-by status" at Headquarters when personnel are involved in Advanced Development Project Reviews and other such program presentations to the DCI, DDCI, and DL/S&P.

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4. Data links with OCS will include a 100 wpm - Mod 35 - TTY Terminal at \$16,000 per link and two 2400 BPS Terminals at \$14,000 each. The total cost of these links would be \$44,000. In addition, provisions for the control and maintenance of encrypting gear must be provided. High-wattage power will be required for an intelligence processing research and development facility which will be in support of programs of [redacted]

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[redacted] and Life Sciences programs. This facility will contain primary processing equipment, digital and analog computers, TTY and CRT consoles, and various other support processing equipment and files. A sample of the specialized equipment for R&D to be used in the IPRD facility is the Isodensitracer, the Microwave Antenna Simulator, the new process photographic capability, and the information processing graphic arts equipment.

5. A secure video link is desirable, but seems to be out of the picture because of the cost per circuit - \$600,000. As an alternative, a long distance Xerox circuit, at approximately \$100,000, would be an interim substitute. To handle this equipment and that discussed above, a Signal Center ranging in cost from \$30,000 to \$150,000 will be required. The total cost will depend on the space and power involved and the number and types of customers served.

6. In light of this data in addition to previous discussions on the matter, it may be well to re-evaluate current thinking. We will be happy to meet with you or anyone you designate to discuss the subject in more detail.

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[redacted]
 ROBERT M. CHAPMAN
 Director of Research and Development

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ORD/[redacted]:mh (19 Oct 65)

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Next 3 Page(s) In Document Exempt

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